

Fig. 1

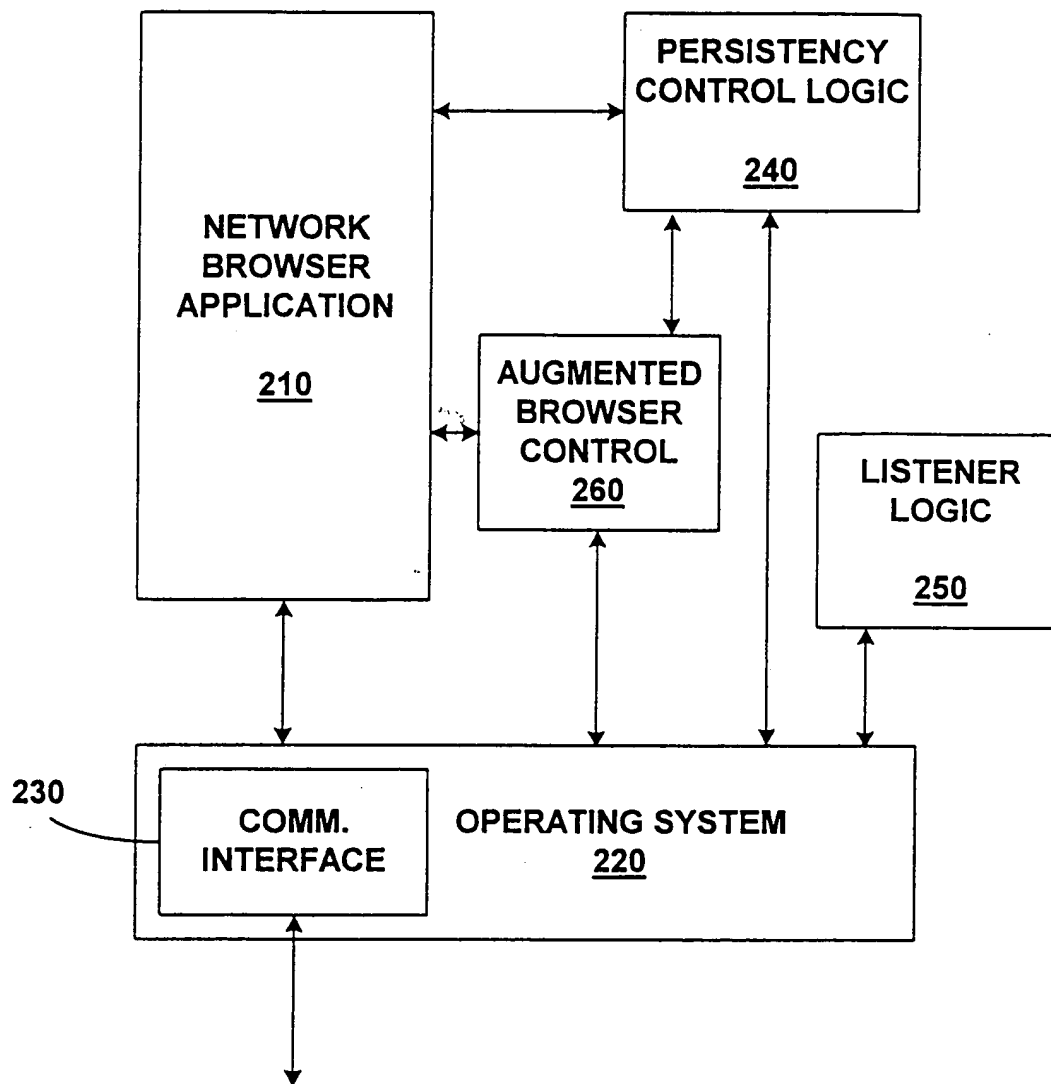


Fig. 2

$\{f_{\alpha\beta}^{(1)}\}$ and $\{f_{\alpha\beta}^{(2)}\}$ are the first and second order correlation functions of the fields $\{f_{\alpha\beta}\}$ and $\{f_{\alpha\beta}^{\dagger}\}$ with respect to the Gaussian measure \mathcal{G} . The first order correlation functions are given by

$$\langle f_{\alpha\beta} \rangle = \langle f_{\alpha\beta}^{\dagger} \rangle = 0$$
 and the second order correlation functions are given by

$$\langle f_{\alpha\beta} f_{\gamma\delta} \rangle = \langle f_{\alpha\beta}^{\dagger} f_{\gamma\delta}^{\dagger} \rangle = 0$$
 and

$$\langle f_{\alpha\beta} f_{\gamma\delta}^{\dagger} \rangle = \langle f_{\alpha\beta}^{\dagger} f_{\gamma\delta} \rangle = \delta_{\alpha\gamma} \delta_{\beta\delta}$$
 where $\delta_{\alpha\gamma}$ and $\delta_{\beta\delta}$ are the Kronecker delta symbols.

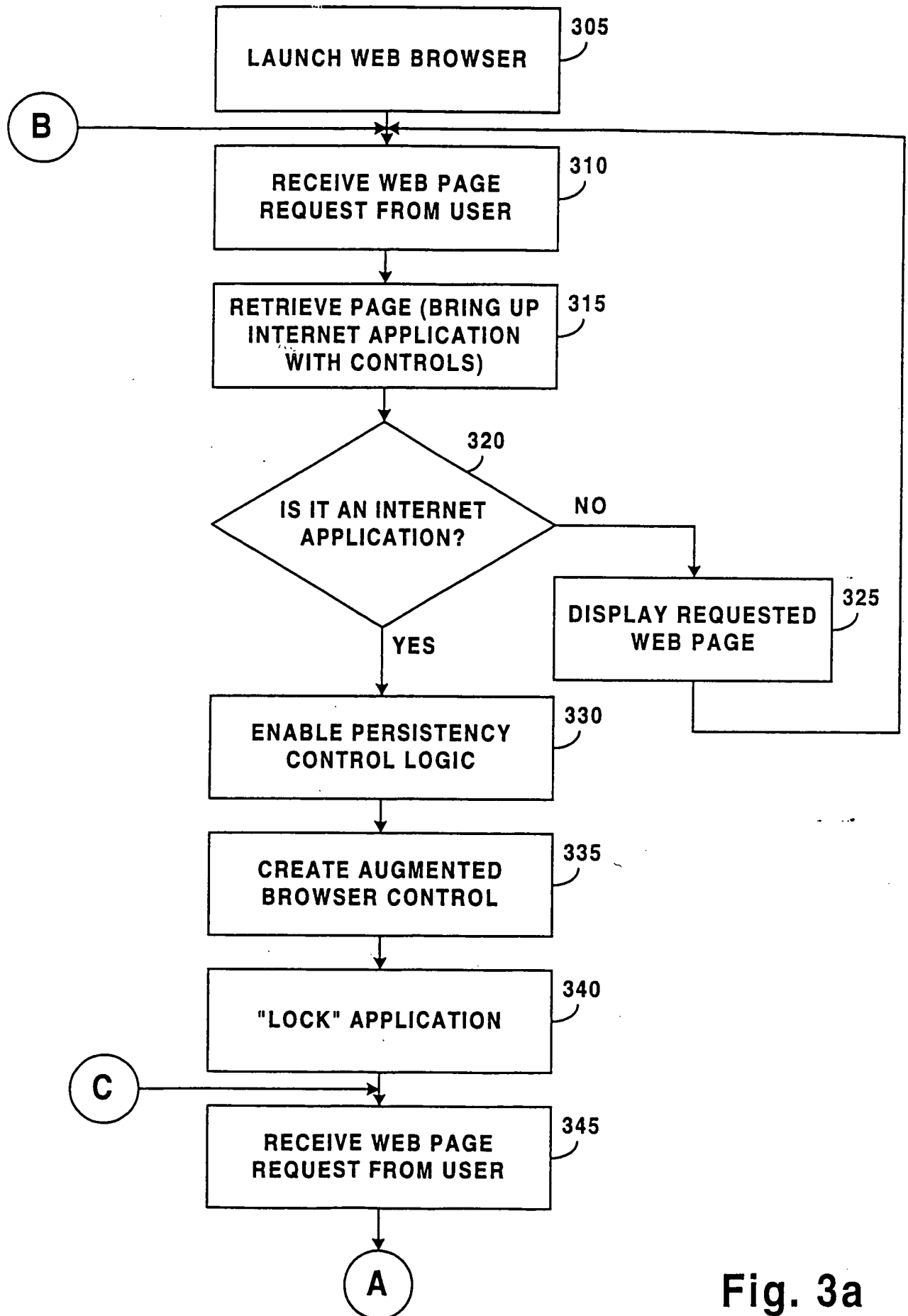


Fig. 3a

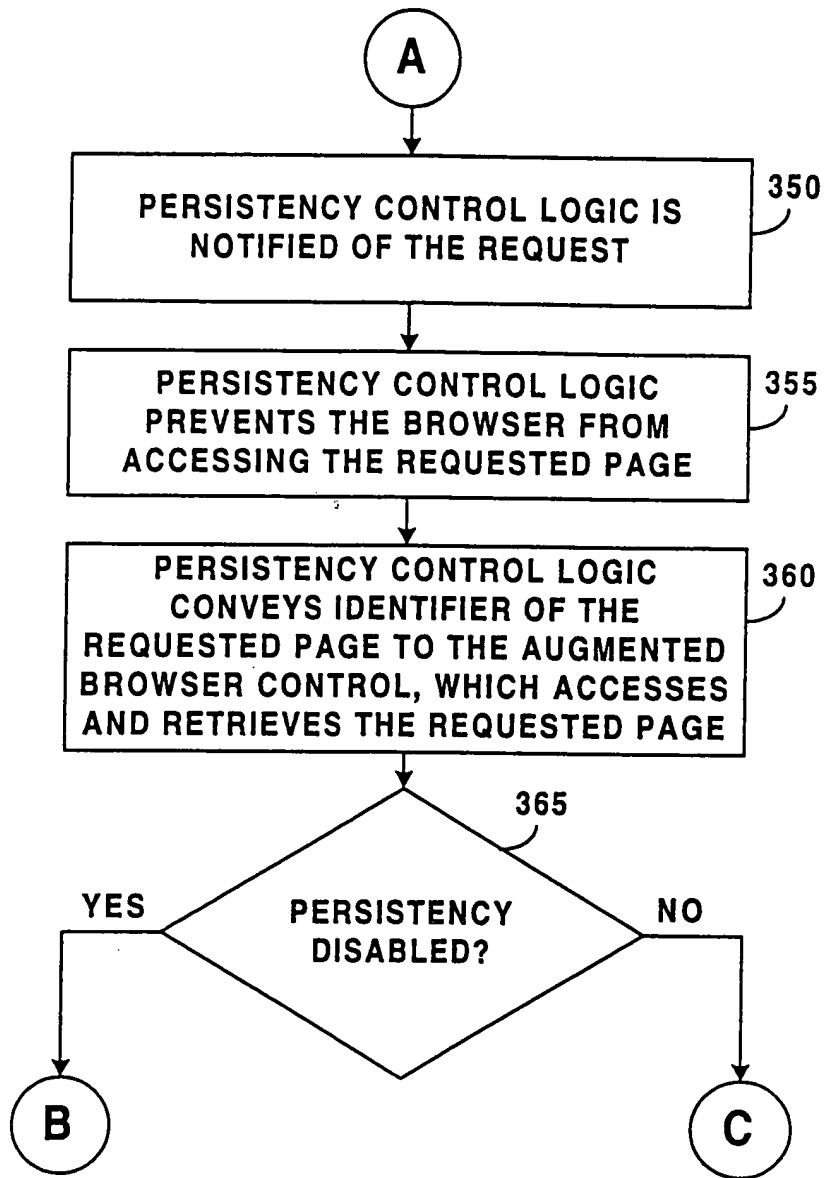


Fig. 3b

Figure 4

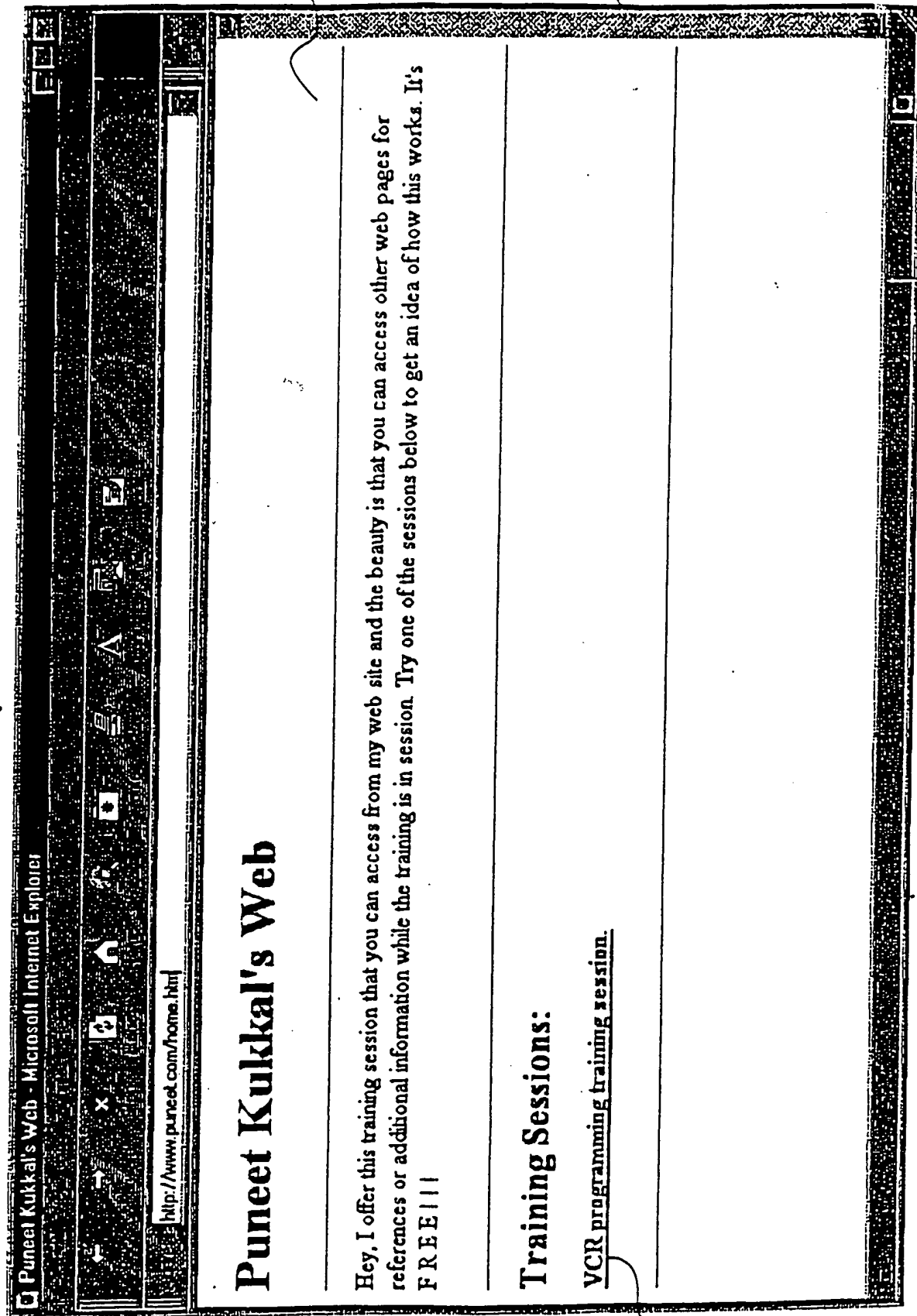
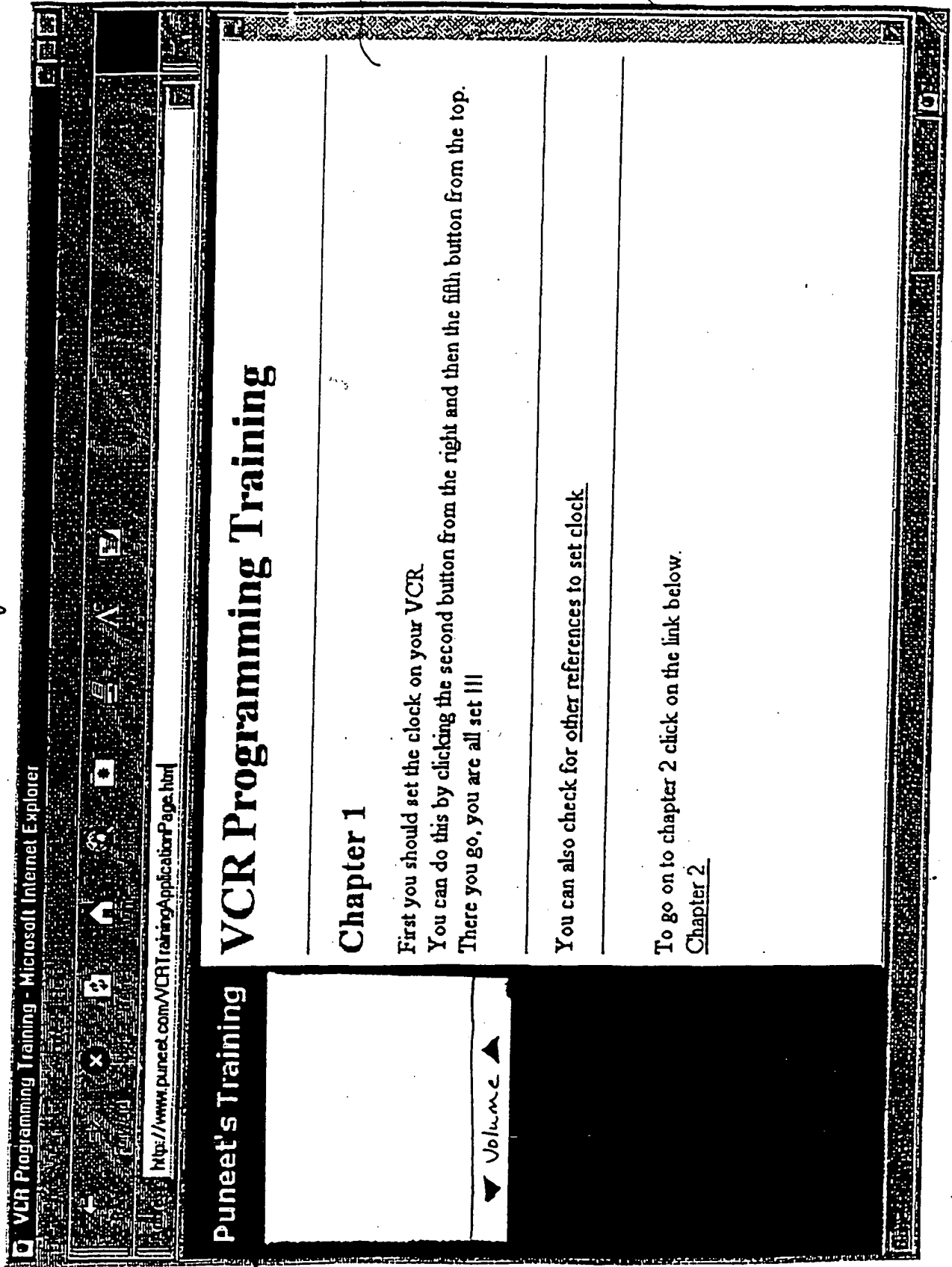
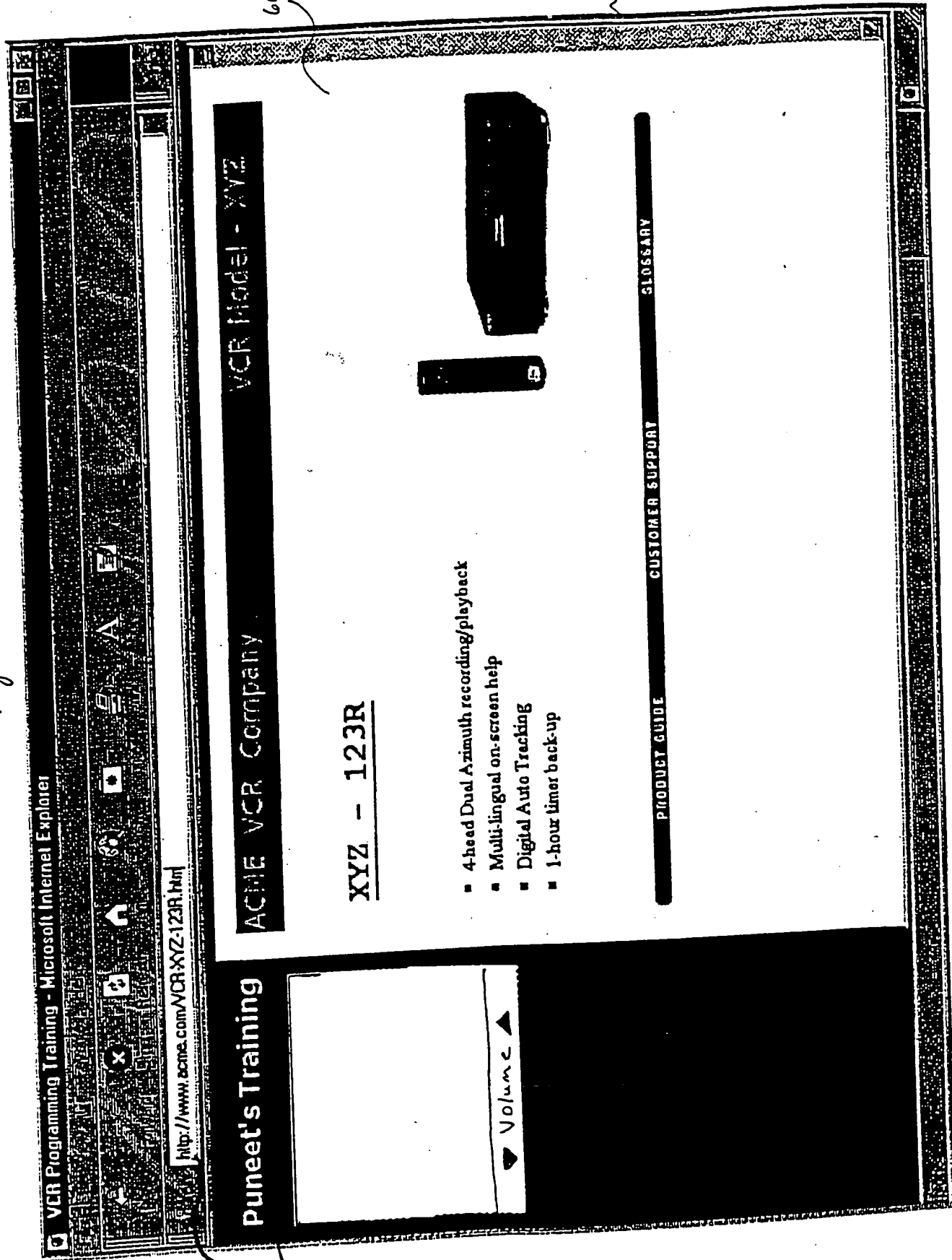


Figure 5



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Figure 6



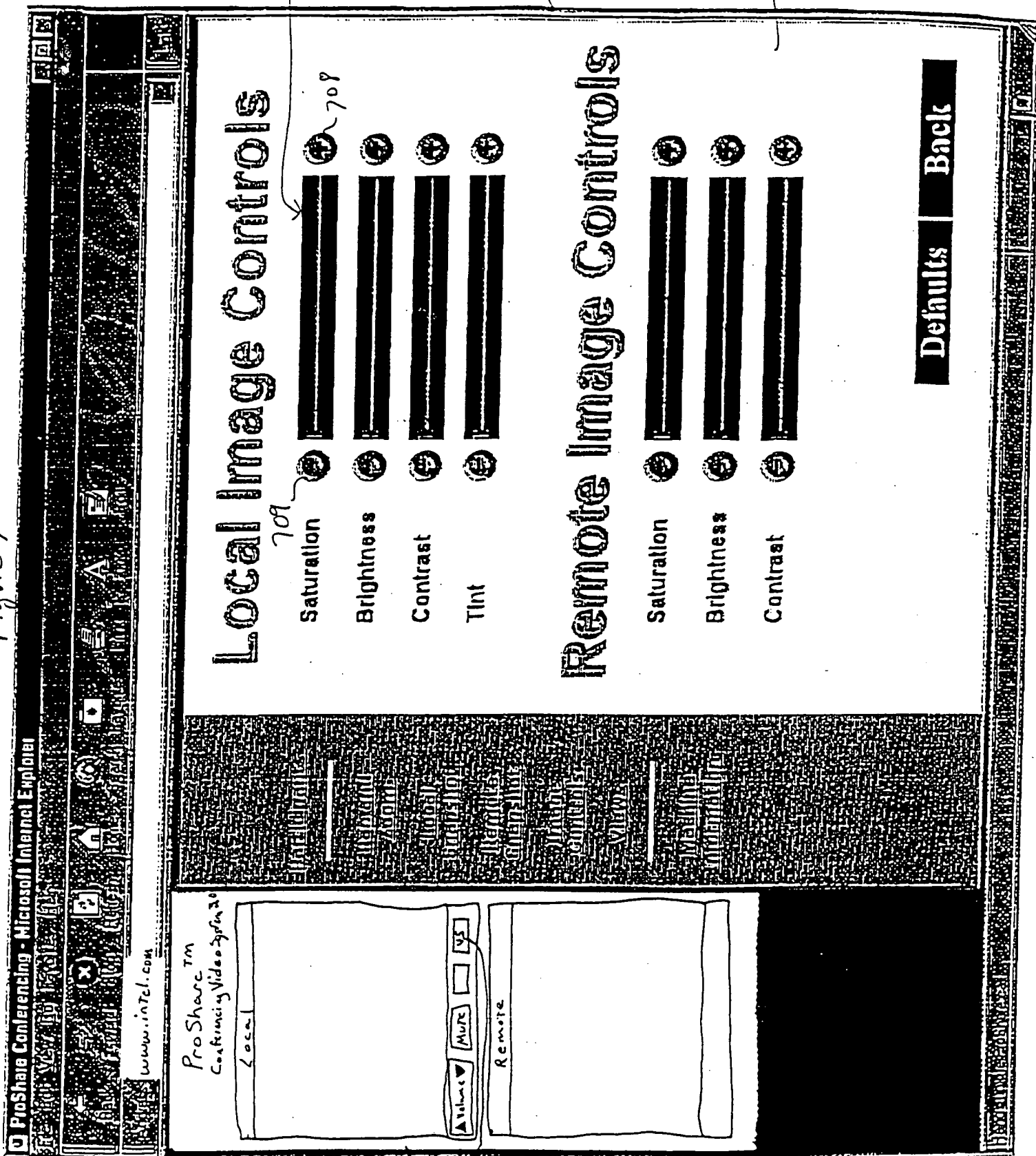
603

502

601

400

Figure 7



800

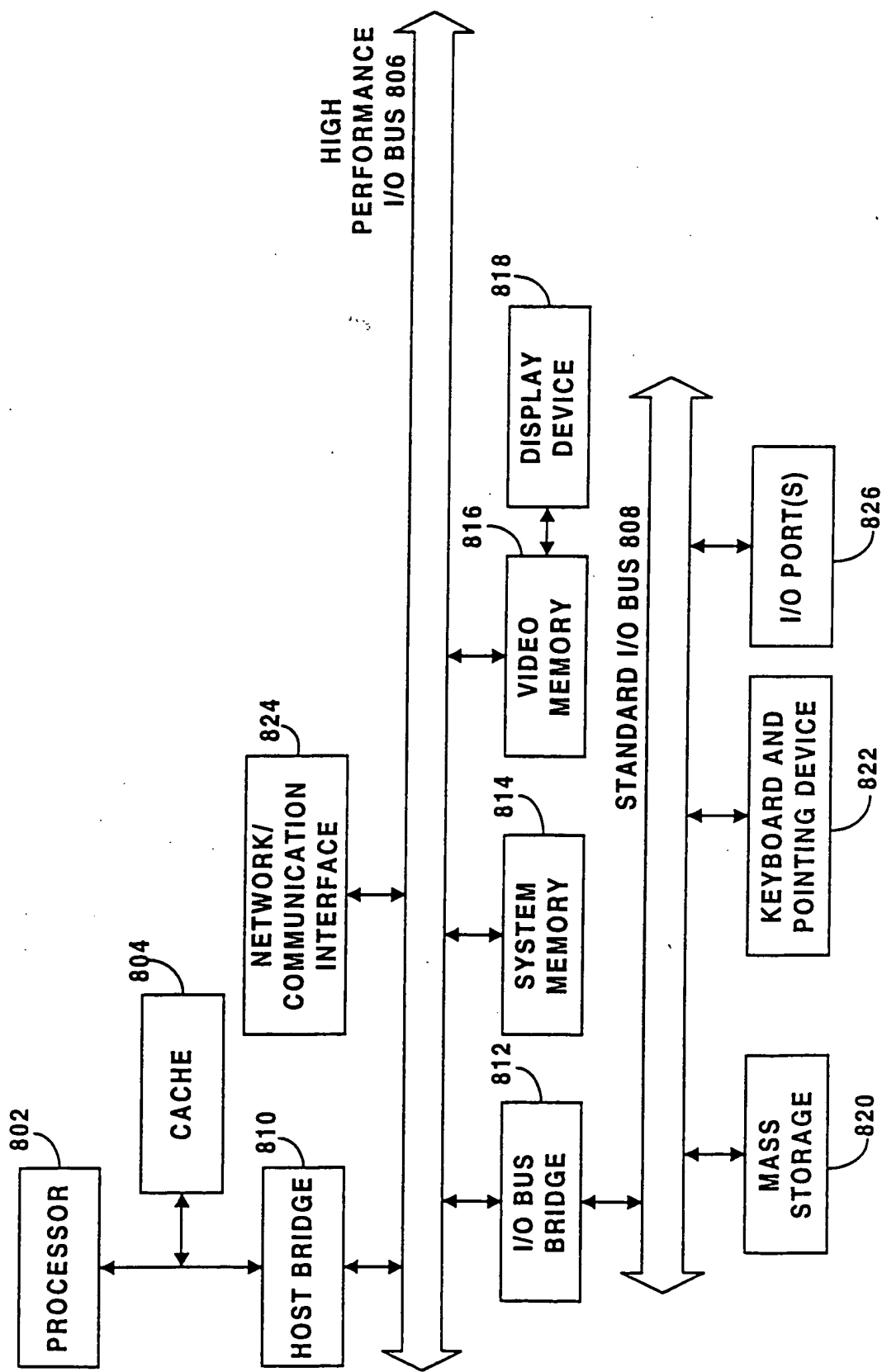


FIG. 8